

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

Claims 1-20. (Cancelled)

21. (Currently Amended) A method of connecting a client system to a target network comprising the steps of:

~~configuring a tunnel in a host system under control of the host system, wherein the host system is capable of accessing a target network;~~

~~—— connecting the client system to the host system under the control of the client system, wherein said host system is capable of examining membership information stored on said client and host systems to determine whether said host system and the client system are registered members of a cooperative networking system and performing said connecting step depending on said membership status before said host system accesses said target network;~~

~~—— comparing preferences of the host system and the client system under the control of a matching means;~~

~~—— establishing a secure link from the client system to the target network through the tunnel in the host system when the preferences of the host system and client system match; wherein the client system does not access any resources of the host system outside of said tunnel.; wherein said host system is capable of establishing said secure link when the preferences of the host system and client system do not match.~~

~~—— providing software to the client system that will allow the client system to connect to the target network;~~

~~—— connecting the client system to the target network via a host system controlled by the software provided in the client system, wherein the step of connecting the client system to the target network comprises the steps of:~~

~~locating the target network through the host system;~~

~~determining requirements for connecting the client system to the target network; and~~

~~linking the client system to the target network based on the requirements;~~

~~wherein the requirements of the host system are not essential for connecting the client system to the target network.~~

22. (Previously presented) The method as claimed in claim 21 wherein the comparing step is made in a server.
23. (Previously presented) The method as claimed in claim 21 wherein the target network is the Internet.
24. (Previously presented) The method as claimed in claim 21 wherein the target network is a public network.
25. (Previously presented) The method as claimed in claim 21 wherein the target network is a PSTN.
26. (Previously presented) The method as claimed in claim 21 wherein the client system is a mobile phone.
27. (Previously presented) The method as claimed in claim 21 wherein the host system is a virtual private network.
28. (Previously presented) The method as claimed in 21 wherein the host system and the client system are members of a service that gives reciprocal roaming rights.
29. (Currently Amended) The method as claimed in 21 where the ~~comparing~~ determining step comprises the steps of
determining a cost of obtaining a link and
comparing the cost with a predetermined limit stored by said client system where a match will be found if the cost is less than or equal to the predeteminad limit.
30. (Previously presented) The method as claimed in claim 21 wherein the host system is not connected to the target network and will make the connection to the target network upon request by the client system.

31. (Currently Amended) The method as claimed in claim 21 wherein the secure link through the host tunnel system comprises channels to transmit time divided data.

32. (Currently Amended) The method as claimed in claim 21 further comprising the step of connecting a second client system to the first client system in order that the second client system is able to access the target network through the ~~tunnel in the~~ host system.

33. (Currently Amended) The method of claim 21, further comprising the steps of
~~configuring a tunnel in a second host system under control of the second host system,~~
~~wherein the second host system is capable of accessing the target network;~~
connecting through a second host system under control of the second host system, wherein
the second host system is capable of accessing the target network;
connecting the client system to the second host system under the control of the client system;
comparing preferences of the second host system and the client system under the control of a matching means,
~~establishing a secure link from the client system to the target network through the tunnel in~~
~~the second host system when the preferences of the second host system and client system match;~~
~~wherein said client system does not access any resources of the second host system outside of said~~
~~tunnel; and~~
establishing a secure link from the client system to the target network through the second
host system when the requirements of the second host system and client system match; wherein
said client system does not access any resources of the second host system; and
disconnecting the client system from the first host system.

34. (Previously presented) The method as claimed in claim 21 wherein the establishing step further comprises the step of notifying a user of the client system of the availability of a link wherein the user can accept or reject the connection.

35. (Previously presented) The method as claimed in claim 21 wherein any data sent by the client system is encrypted prior to being sent to the network such that the privacy and security of the client are maintained.
36. (Previously Presented) The method as claimed in claim 35 wherein the encryption can be selectively applied to the data depending on preferences.
37. (Previously Presented) The method as claimed in claim 21 wherein the connecting step comprises the step of causing the host system to mimic air interference for a cordless telephone link.
38. (Previously Presented) The method as claimed in claim 37, further comprising the step of converting a data stream into data packets for transmission over the Internet under the control of the host system.
39. (Previously Presented) The method as claimed in claim 21 wherein the client configuration is performed automatically by the host system when the host system is first powered on.
40. (Previously presented) The method as claimed in claim 21 wherein the connecting step comprises using a wireless connection technology.
41. (Previously presented) The method as claimed in claim 21 wherein the establishing step occurs automatically once the match is made.
42. (Previously presented) The method as claimed in claim 38 wherein the packets are VoIP.
43. (Previously presented) The method as claimed in claim 38 wherein the packets are sent over any available port in order to pass through a firewall.

44. (Previously presented) The method as claimed in claim 33 wherein the client system connects to and disconnects from the host system and second host system under the control of said matching means.

45. (Previously presented) The method of claim 40 wherein the connecting step comprises the step of coordinating the different frequencies used by the client system in connecting to the host system.

46. (Currently amended) A system to connect a client system to a target network comprising:
~~a host system capable accessing the target network and configuring a tunnel;
a client system capable of connecting to the host system; wherein said host system is capable of examining membership information stored on said client and host systems to determine whether said host system and the client system are registered members of a cooperative networking system and performing said connecting step depending on said membership status before said host system accesses said target network; and~~

~~a matching means capable of comparing preferences of the host system and the client system and establishing a secure link from the client system to the target network through the tunnel in the host system when the preferences of the host system and the client system match; wherein the client system does not access any resources of the host system outside of the tunnel; wherein said host system is capable of establishing said secure link when the preferences of the host system and client system do not match..~~

a host system capable accessing the target network;

a client system capable of connecting to the host system; wherein said host system is connected to a target network;

a matching means capable of comparing requirements of the host system and the client system and establishing a secure link from the client system to the target network when the requirements of the host system and the client system match;

wherein the client system does not access any resources of the host system;

wherein said host system is capable of establishing said secure link when the requirements of the host system and client system do not match and the requirements of the host system are not essential for connecting to the target network.

47. (Currently Amended) A cooperative networking system for connecting a client system to a target network; said networking system comprising:

a cooperative ~~tunneling~~ agent program capable of receiving a request to allow said client system to connect to a host system; said host system being capable of accessing said target network;

wherein said cooperative ~~tunneling~~ agent is capable of examining membership information stored on said client and host systems to determine whether the second host system and the first client system are registered members of said cooperative networking system and approving said request depending on said membership status before said host system accesses said target network; and

a matching means capable of comparing preferences of the host system and the client system and establishing a secure link from the client system to the target network ~~through a tunnel~~ in the host system based on the preferences; wherein said tunnel is controlled by said host system and the client system does not access any resources of the host system ~~outside of the tunnel~~

wherein the preferences of the host system are not essential for connecting the client system to the target network.